

ABSTRACT**AN IMAGING SYSTEM**

An imaging system is provided where radiation from object space (2) is incident on an array of detector elements (8) via an interferometer (3), the interferometer (3) being scanned such that the output of each pixel comprises an interferogram B generated from the radiation received from a corresponding region of object space (2), enabling image data to be generated in dependence on the output of the pixels, which image data is derived from the spectral radiance associated with each pixel.

Figure 1A